

Title (en)  
Mobile terminal apparatus

Title (de)  
Mobile Endgerätvorrichtung

Title (fr)  
Appareil de terminal mobile

Publication  
**EP 2252039 A1 20101117 (EN)**

Application  
**EP 10161365 A 20100428**

Priority  
JP 2009114951 A 20090511

Abstract (en)  
A mobile terminal apparatus includes a first housing (1) provided with a display, a second housing (2) provided with a keyboard, and a slide holding mechanism (3) including a rail unit (5) provided in the first housing and including rail parts (4) extending in a sliding direction, arm members (9), rotation-slide connection members (10) which include rotation shafts separated from each other in the sliding direction and which connect one end portions of the arm members to the rail parts, and rotation connection members (11) which include rotation shafts separated from each other in the sliding direction and which connect the other end portions of the arm members to the second housing. The slide holding mechanism holds the housings such that the housings are slidable between a closed state in which the housings substantially entirely overlap and an open state in which the display unit and the keyboard are positioned on substantially the same plane.

IPC 8 full level  
**H04M 1/02** (2006.01); **G06F 1/16** (2006.01)

CPC (source: EP US)  
**G06F 1/1616** (2013.01 - EP US); **G06F 1/162** (2013.01 - EP US); **G06F 1/1624** (2013.01 - EP US); **G06F 1/1679** (2013.01 - EP US);  
**H04M 1/0237** (2013.01 - EP US); **H04M 1/0216** (2013.01 - EP US)

Citation (applicant)  
• JP 2005167847 A 20050623 - TOYODA GOSEI KK  
• JP 2009114951 A 20090528 - DENSO CORP

Citation (search report)  
• [YA] EP 2031838 A1 20090304 - SONY ERICSSON MOBILE COMM JP [JP]  
• [Y] EP 2031839 A1 20090304 - SONY ERICSSON MOBILE COMM JP [JP]  
• [AP] EP 2175619 A1 20100414 - HTC CORP [TW]  
• [A] KR 20060076338 A 20060704 - PANTECH & CURITEL COMM INC [KR]

Citation (examination)  
EP 2026543 A2 20090218 - ASUS TEK COMP INC [TW]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA ME RS

DOCDB simple family (publication)  
**EP 2252039 A1 20101117**; JP 2010263583 A 20101118; JP 4808800 B2 20111102; US 2010285853 A1 20101111; US 8200294 B2 20120612

DOCDB simple family (application)  
**EP 10161365 A 20100428**; JP 2009114951 A 20090511; US 66245610 A 20100419